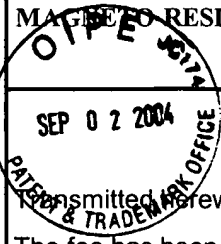
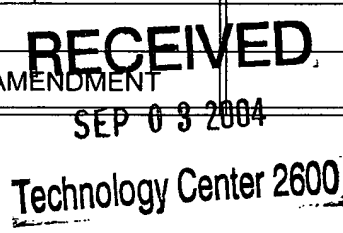
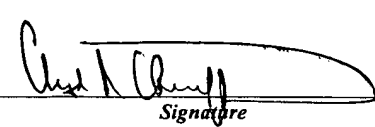


AMENDMENT TRANSMITTAL LETTER (Large Entity)				Docket No. 02230028AA	
Applicant(s): K. Hayashi, et al.					
Application No. 09/916,529	Filing Date July 30, 2001	Examiner W. Klimowicz	Customer No. 30743	Group Art Unit 2652	Confirmation No. 9042
Invention: MAGNETO-RESISTANCE EFFECT ELEMENT, MAGNETO-RESISTANCE EFFECT HEAD, MAGNETO-RESISTANCE TRANSDUCER SYSTEM, AND MAGNETIC STORAGE SYSTEM					
 COMMISSIONER FOR PATENTS:					
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	6 -	63 =	0 x	\$18.00	\$0.00
INDEP. CLAIMS	2 -	8 =	0 x	\$86.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
					
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-2041 <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.					
 Clyde R Christofferson Reg No. 34,138 Whitham, Curtis & Christofferson, P.C. 11491 Sunset Hills Road, Suite 340 Reston, Virginia 20190 703-787-9400			Dated: September 2, 2004		
CC:			I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. _____ Signature of Person Mailing Correspondence HAND DELIVERED _____ Typed or Printed Name of Person Mailing Correspondence		



41

- 1 -

01FN046US
Amendment dated 09/02/2004

09/916,529
Reply to office action mailed 07/19/2004

02230028aa

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Kazuhiko Hayashi, et al.

Serial No. 09/916,529

Group Art Unit 2652

Filed July 30, 2001

Examiner W. Klimowicz

For MAGNETO-RESISTANCE EFFECT ELEMENT, MAGNETO-
RESISTANCE EFFECT HEAD, MAGNETO-RESISTANCE
TRANSDUCER SYSTEM, AND MAGNETIC STORAGE SYSTEM

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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AMENDMENT UNDER 37 C.F.R. §1.111

Sir:

In response to the Office Action mailed July 19, 2004, please amend the
above-identified patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are indicated by the notation "currently amended" in the
listing of claims beginning on page 3 of this paper.

Remarks begin on page 6 of this paper.